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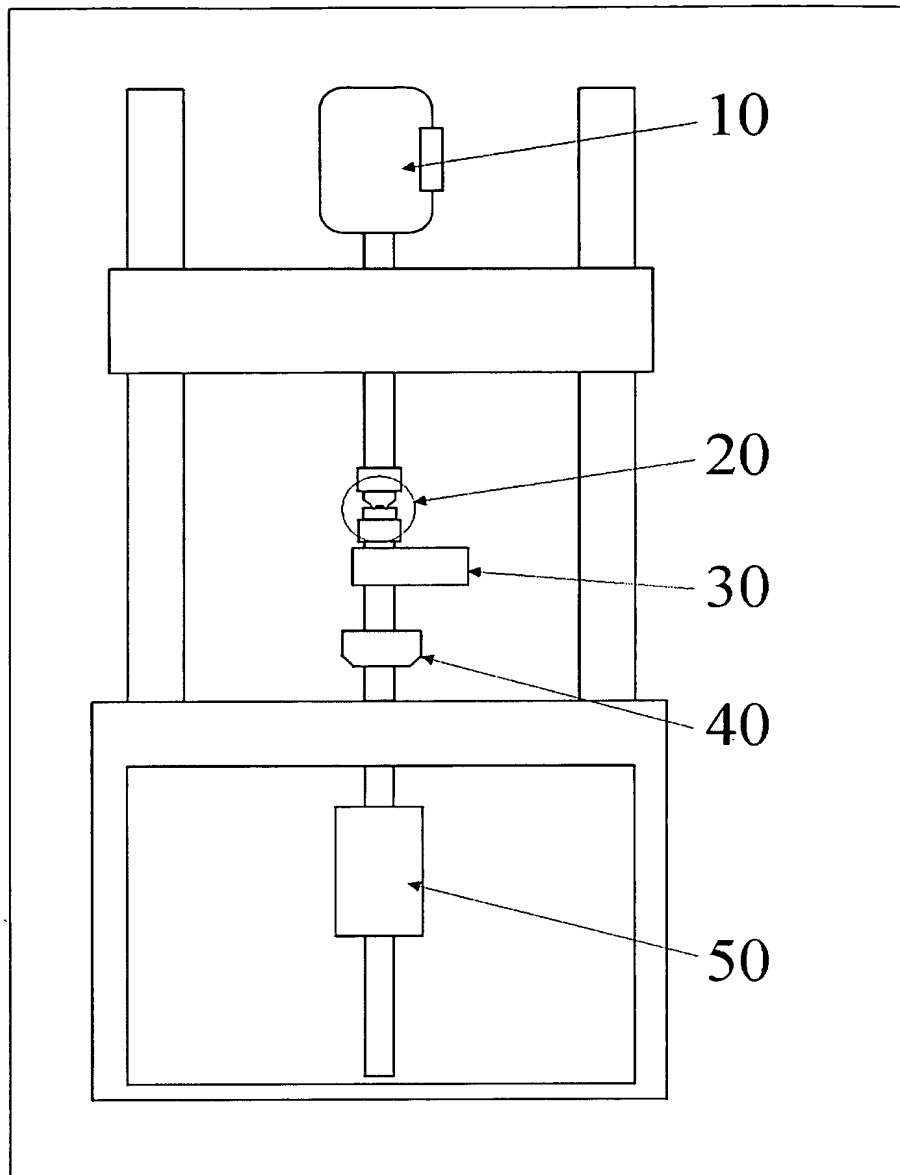


FIG. 1

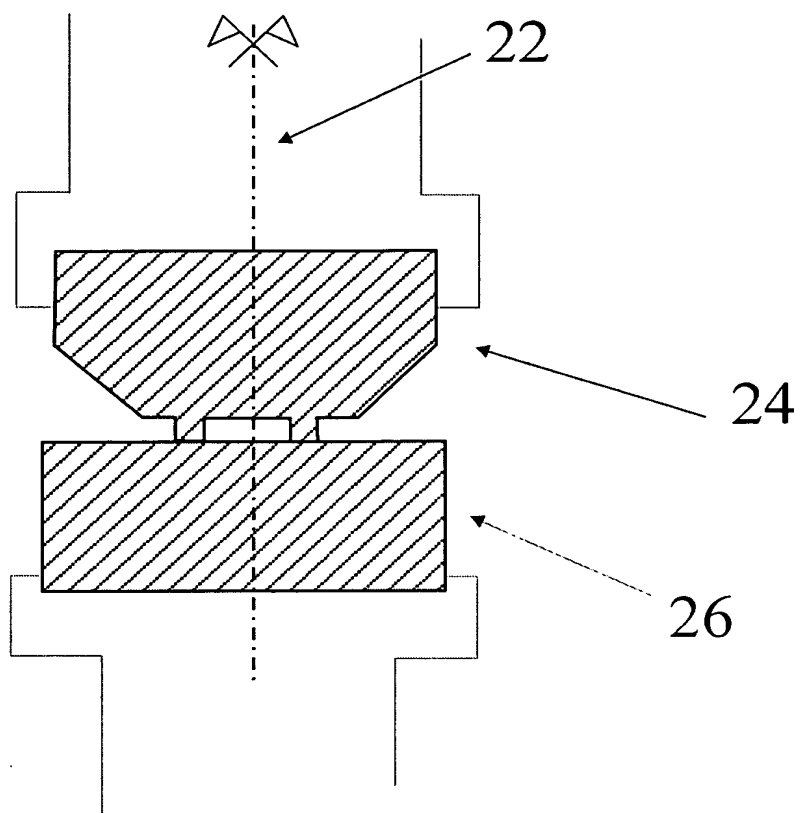
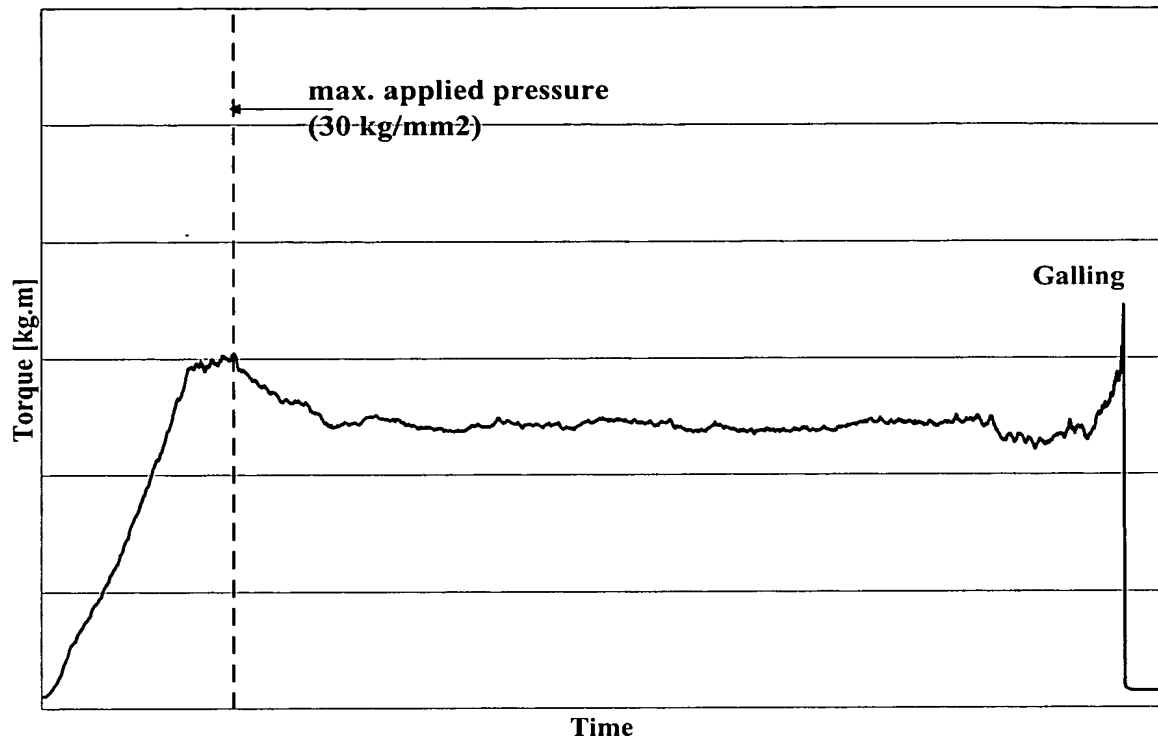
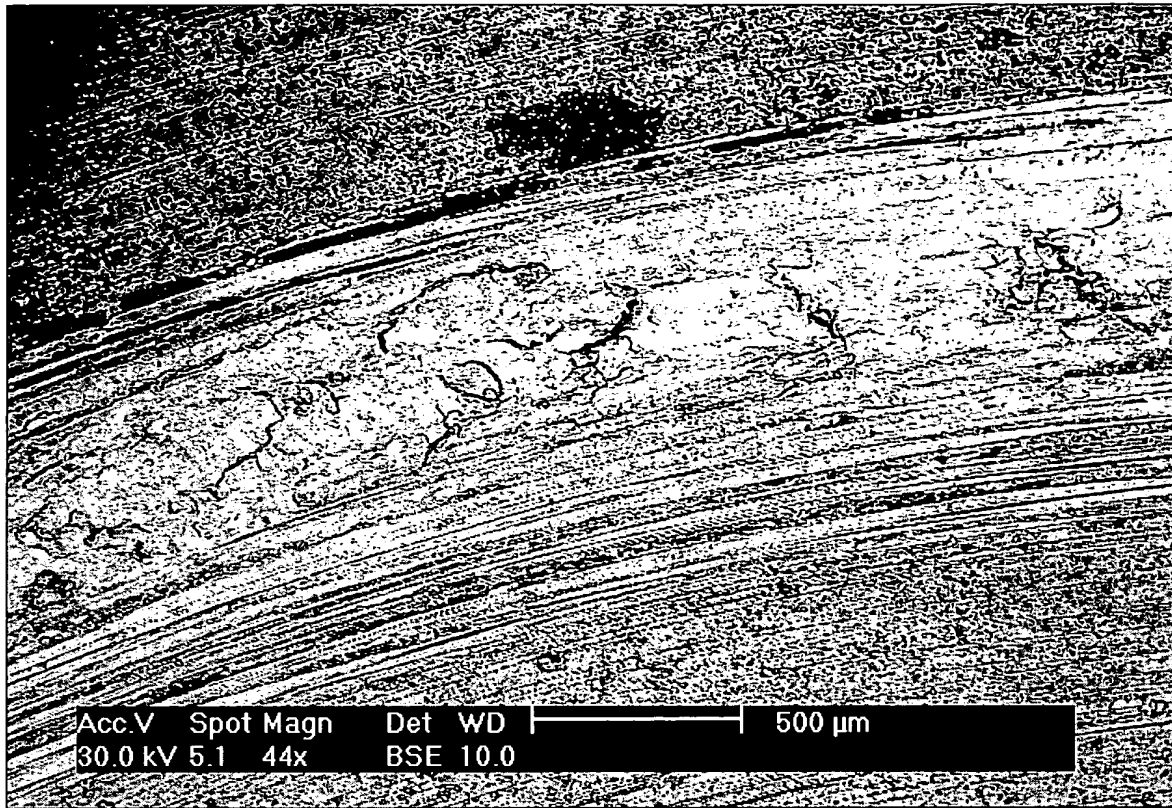


FIG. 2



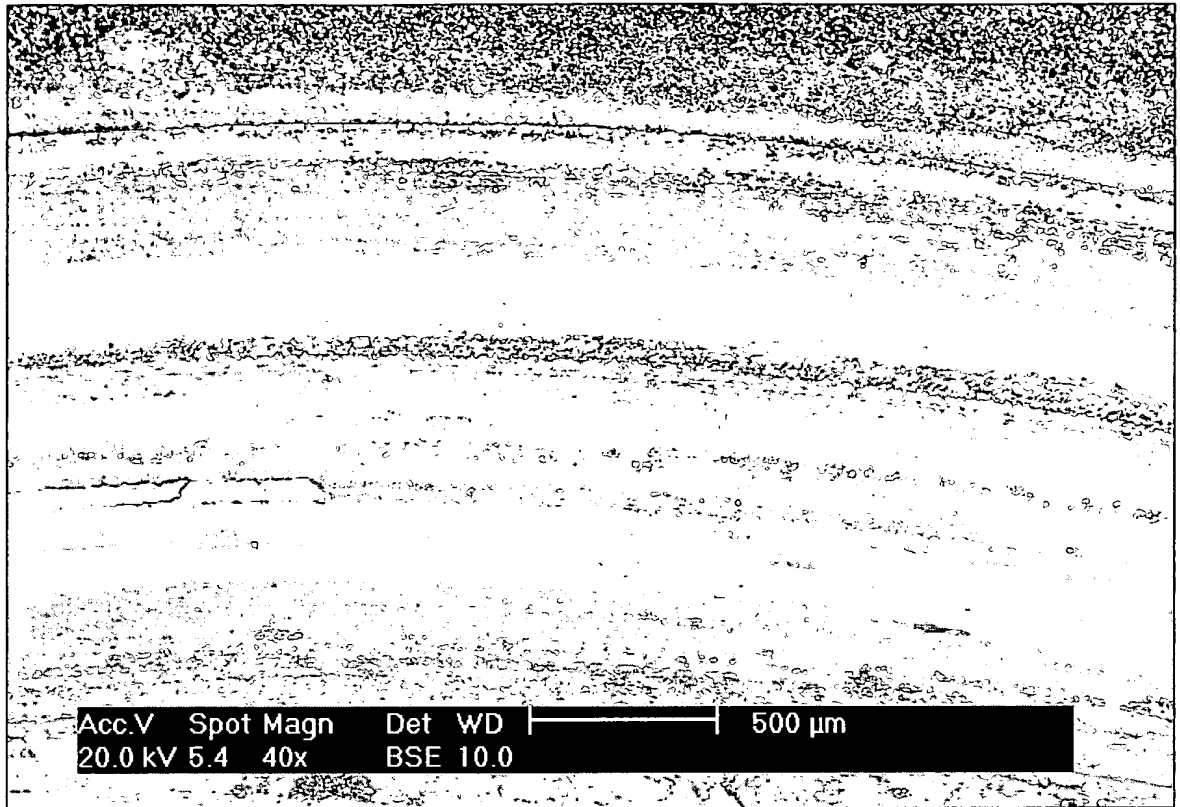
Graph of typical ring-on-disk test result

FIG. 3



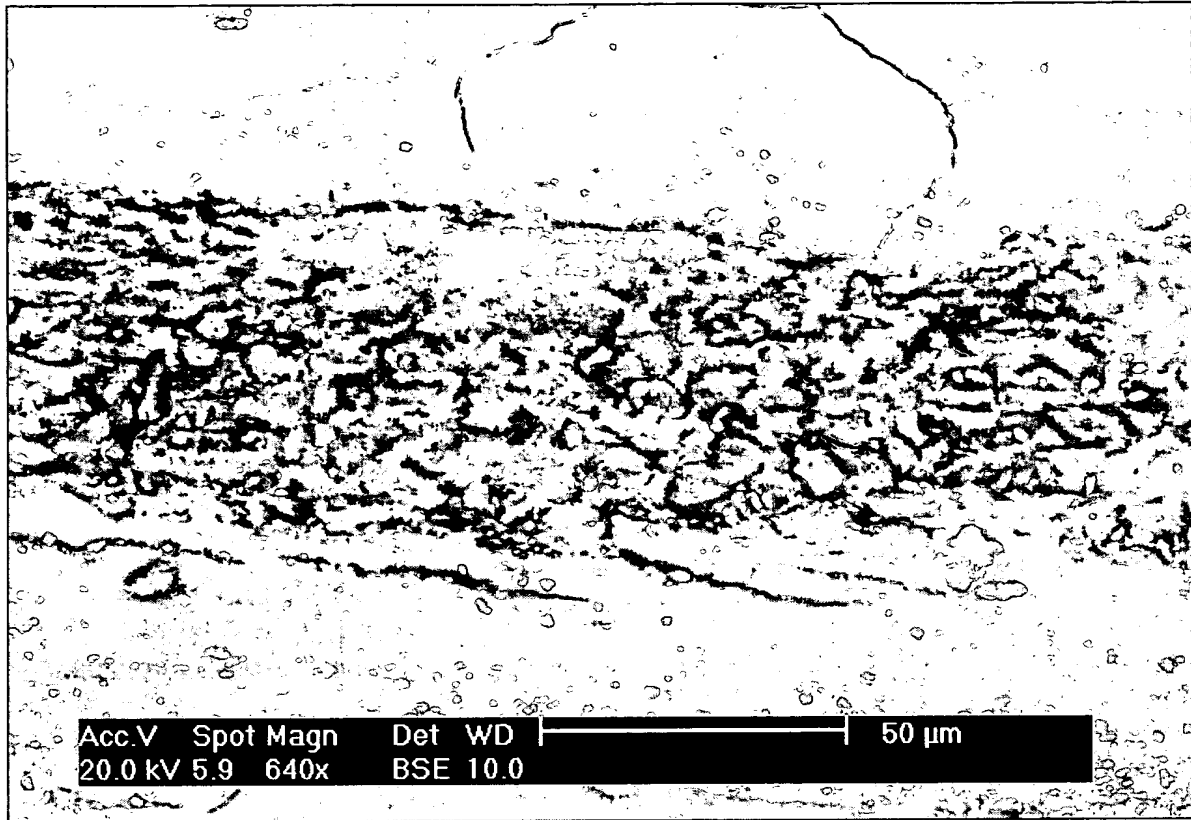
SEM image of sliding surface showing severe galling after ring-on-disk test

FIG. 4



SEM image, taken after a ring-on-disk test, of the sliding surface of a phosphated disk treated with dry film (polyaniline + MoS<sub>2</sub>). No galling is visible.

FIG. 5



SEM image, taken after a ring-on-disk test, showing detail of the sliding surface of a phosphated disk treated with dry film (polyaniline + MoS<sub>2</sub>). No galling has occurred.

FIG. 6